



## Bellingham Middle School

A Specialist Sports College

*Inspiring Learning*

Maths 2016-2017

### CURRICULUM OVERVIEW

	YEAR FIVE	YEAR SIX	YEAR SEVEN	YEAR EIGHT
<b>AUTUMN 1</b>	Number, place value, mental and written $+/ - / \times / \div$ , problem solving	Number, place value, mental and written $+/ - / \times / \div$ , problem solving, measure, time, angles, decimals	Problem Solving, Analysing and displaying data, Number skills	Problem Solving, Number and calculations $+/ - / \times /$ , Area and volume
<b>AUTUMN 2</b>	Revision of mental and written $+/ - / \times / \div$ , fractions, decimals, time, measure, angles, problem solving	Mental and written $\div$ , negative numbers, fractions, perimeter, area, volume, properties and nets of 3D shapes	Problem Solving, Number skills, Equations, Functions and formulae	Problem Solving, Area and volume, Statistics, graphs and charts
<b>SPRING 1</b>	Place value - ordering incl. Decimals & rounding, mental and written $+/ - / \times / \div$ , divisibility, prime numbers, factors & roots, triangles, measurement, money, problem solving	Place value, written $-$ , $\times$ by 10, 100, 1000, mental $\times$ , quadrilaterals, drawing circles and polygons, $+$ and $-$ , factors, multiples, prime numbers	Problem Solving, Fractions, Angles and shapes	Problem Solving, Expressions and equations, Real life graphs
<b>SPRING 2</b>	Long multiplication, division incl. remainders, unit fractions, multiplication, polygons, quadrilaterals, units of measure, improper and proper fractions	Place value, multi-step $+$ and $-$ problems incl. decimals, mean, average, line graphs, use, interpret and construct pie charts, co-ordinates, written $\times$ , algebra	Problem Solving, Decimals, Angles and shapes	Problem Solving, Real life graphs, Decimals and ratio
<b>SUMMER 1</b>	Money, multiplying fractions, long multiplication, comparing decimals negative numbers, co-ordinates, reflection, translation, 2D & 3D shape	Place value, mental and written $+/ - / \times / \div$ including long $\times$ and $\div$ Revision for SATs	Problem Solving, Solving equations, Multiplication reasoning	Problem Solving, Lines and angles, calculating with fractions
<b>SUMMER 2</b>	Factors, multiples, $+$ & $-$ fractions, area, perimeter, irregular and regular shapes, capacity and volume, percentages, roman numerals, cubed numbers and problem solving	Fractions, 2D shapes, circles, angles, mathematical reasoning, binary numbers, digital roots, Fibonacci sequences,	Problem Solving, Perimeter, Area and volume, Sequences and graphs	Problem Solving, Straight line graphs, Percentages, decimals and fractions